

Title (en)

PENTAFLUOROSULFUR IMINO HETEROCYCLIC COMPOUNDS AS BACE-1 INHIBITORS, COMPOSITIONS, AND THEIR USE

Title (de)

HETEROZYKLISCHE PENTAFLUORSULFUR-IMIN-VERBINDUNGEN ALS BACE-1-HEMMER SOWIE ZUSAMMENSETZUNGEN DAMIT UND IHRE VERWENDUNG

Title (fr)

COMPOSÉS HÉTÉROCYCLIQUES IMINOPENTAFLUOROSOUFRÉS EN TANT QU'INHIBITEURS DE BACE-1, COMPOSITIONS ET LEUR UTILISATION

Publication

**EP 2485920 A2 20120815 (EN)**

Application

**EP 10822570 A 20101006**

Priority

- US 24968609 P 20091008
- US 2010051558 W 20101006

Abstract (en)

[origin: WO2011044185A2] In its many embodiments, the present invention provides certain pentafluorosulfur imino heterocyclic compounds, including compounds Formula (a) and pharmaceutically acceptable salts thereof. Compounds of Formula(a) have the general structure: (a) wherein each variable is selected independently and as defined herein. Pharmaceutical compositions comprising one or more such compounds (alone and in combination with one or more other active agents), and methods for their preparation and use in treating pathologies associated with amyloid beta (A $\beta$ ) protein, including Alzheimers Disease, are also disclosed.

IPC 8 full level

**B60P 3/22** (2006.01); **C07D 239/22** (2006.01); **C07D 405/04** (2006.01); **G06F 19/00** (2011.01); **A61K 31/4168** (2006.01); **A61P 25/28** (2006.01)

CPC (source: EP US)

**A61P 3/10** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/16** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 31/04** (2017.12 - EP); **C07D 239/22** (2013.01 - EP US); **C07D 405/04** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2011044185 A2 20110414**; **WO 2011044185 A3 20120614**; EP 2485920 A2 20120815; EP 2485920 A4 20130424; EP 2485920 B1 20160427; US 2012195881 A1 20120802; US 8569310 B2 20131029

DOCDB simple family (application)

**US 2010051558 W 20101006**; EP 10822570 A 20101006; US 201013391441 A 20101006